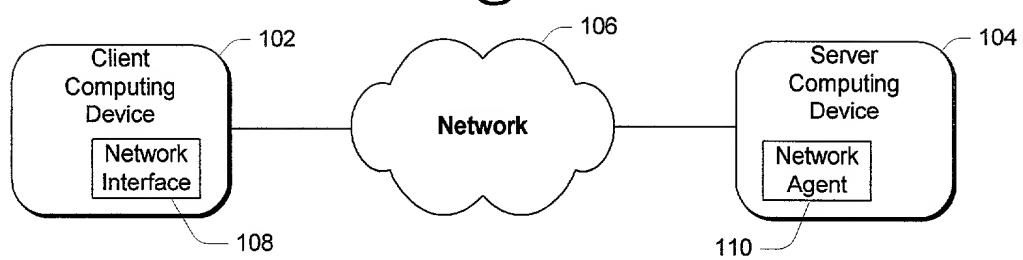


Fig. 1



100

200

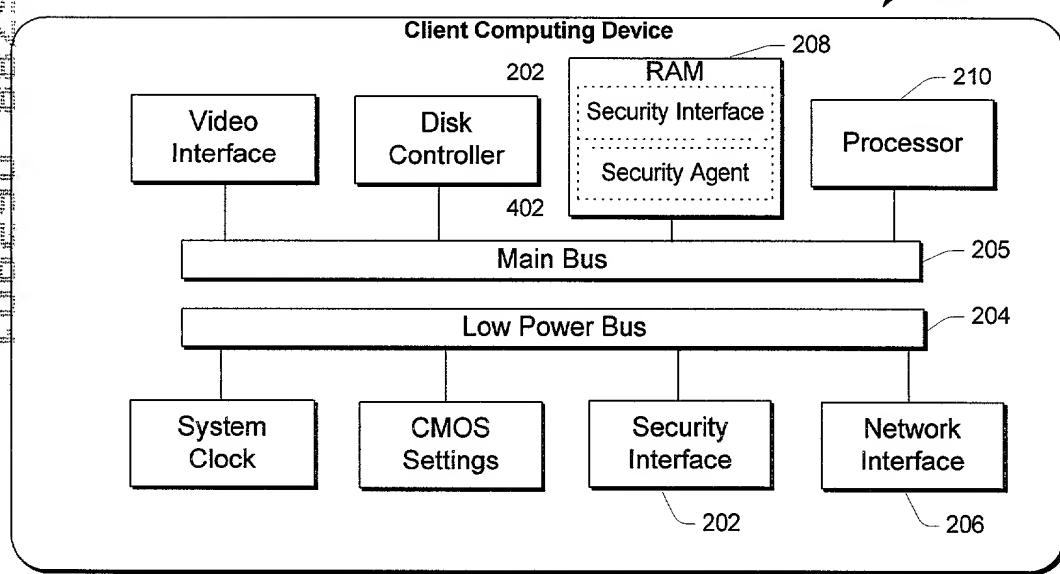


Fig. 2

Fig. 3

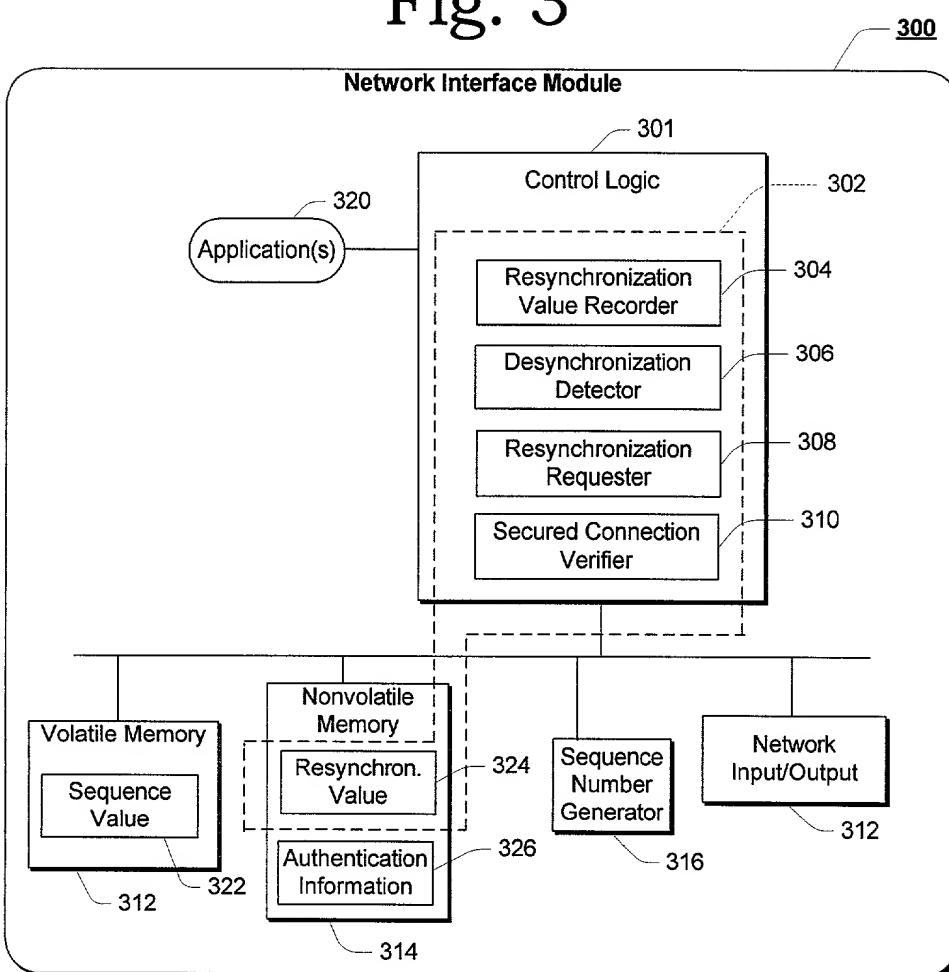


Fig. 4

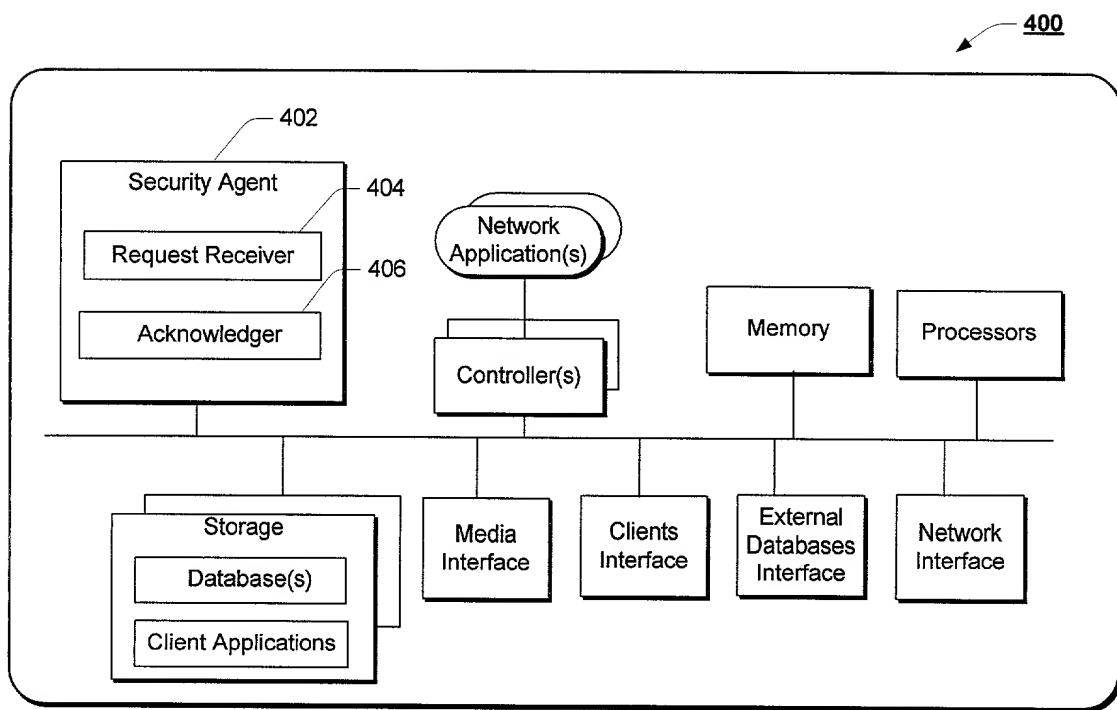
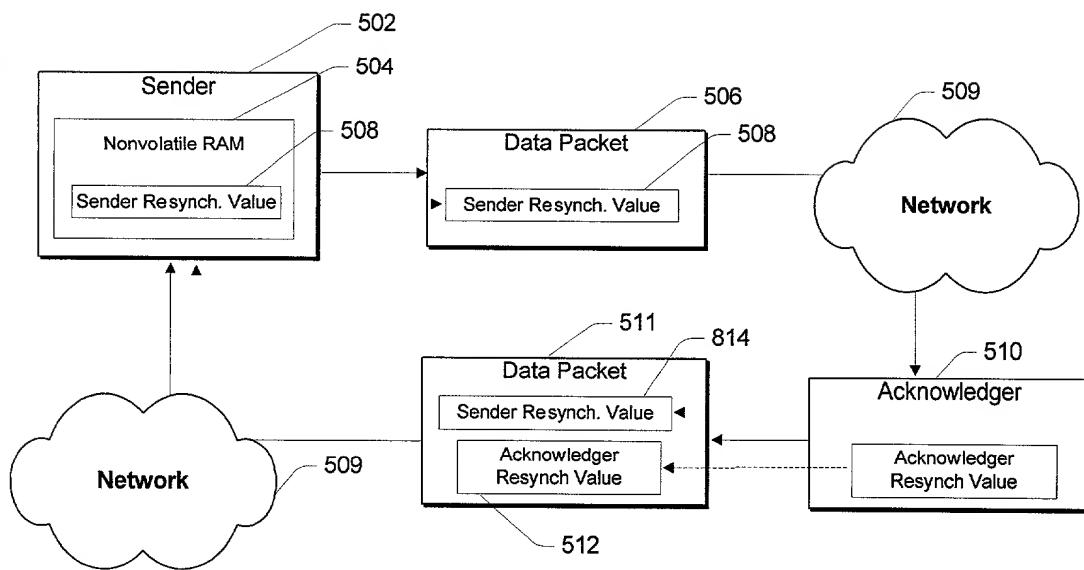


Fig. 5



600

Fig. 6

Server RAM	Data Transfer	Client Volatile RAM	Client Nonvolatile RAM
602 Server Seq. # = 10 Client Seq. # =? Auth. Key = ?		Client Seq. # =40 Server Seq. # = ? Auth. Key = ?	Store R = Client Seq. # + 10 = 50
604 Server Seq. # = 10 Client Seq. # =? Auth. Key = 09F7	← Initiate Secured Communication →	Client Seq. # =40 Server Seq. # = ? Auth. Key = 09F7	R = 50 Auth. Key = 09F7
606 Server Seq. # = 10 Client Seq. # =? Auth. Key = 09F7	REQUEST (Server Sequence # = 10) →	Client Seq. # =40 Server Seq. # = 10 Auth. Key = 09F7	R = 50 Auth. Key = 09F7
608 Server Seq. # = 10 Client Seq. # =40 Auth. Key = 09F7	← REPLY (Client Sequence # = 40)	Client Seq. # =40 Server Seq. # = 10 Auth. Key = 09F7	R = 50 Auth. Key = 09F7
610 Server Seq. # = 11 Client Seq. # =40 Auth. Key = 09F7	REQUEST(Server Sequence # = 11) →	Client Power Loss	R = 50 Auth. Key = 09F7
612 Server Seq. # = 12 Client Seq. # =40 Auth. Key = 09F7	REQUEST (Server Sequence # = 12) →	No Secure Connection	R = 50 Auth. Key = 09F7
614 Server Seq. # = 12 Client Seq. # =50 Auth. Key = 09F7	← SYNC REQUEST (Client Seq.# = 50)	Client Seq. # =50 Server Seq. # = ? Auth. Key = 09F7	R = 50 Auth. Key = 09F7
616 Server Seq. # = 13 Client Seq. # =50 Auth. Key = 09F7	ACKN (Serv Seq#=13)(Client Seq#=50) →	Client Seq. # =50 Server Seq. # = 13 Auth. Key = 09F7	Store R = 60 Auth. Key = 09F7
618 Server Seq. # = 14 Client Seq. # =50 Auth. Key = 09F7	REQUEST (Server Sequence # = 14) →	Client Seq. # =50 Server Seq. # = 14 Auth. Key = 09F7	R = 60 Auth. Key = 09F7
620 Server Seq. # = 14 Client Seq. # =51 Auth. Key = 09F7	← REPLY (Client Sequence # = 51)	Client Seq. # =51 Server Seq. # = 14 Auth. Key = 09F7	R = 60 Auth. Key = 09F7

Fig. 7

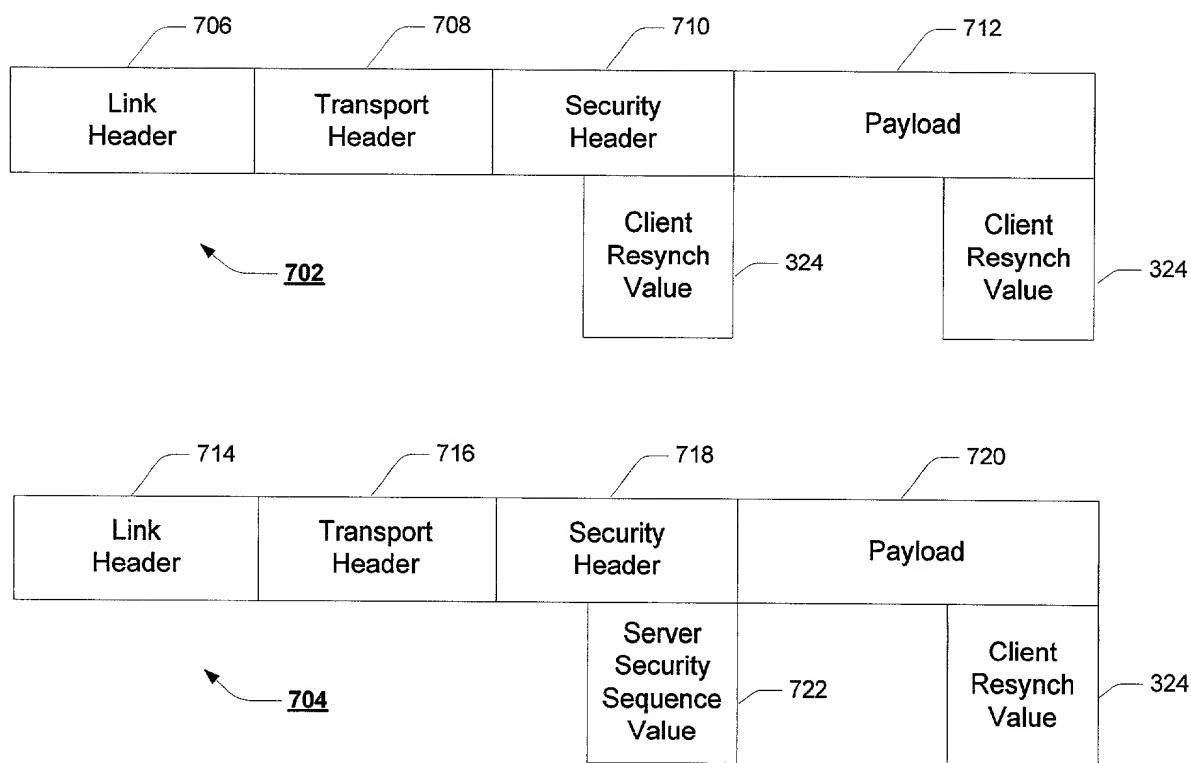
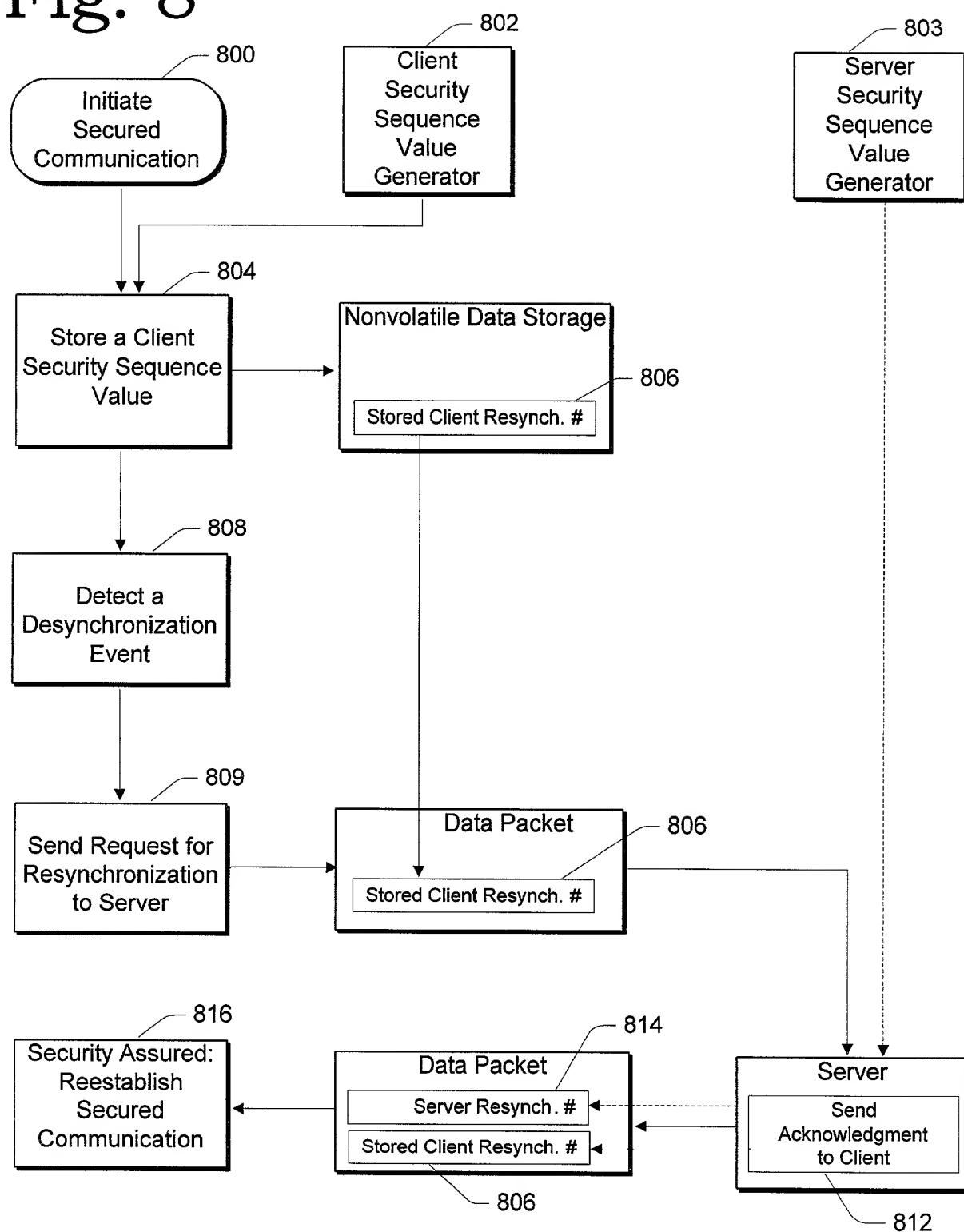


Fig. 8



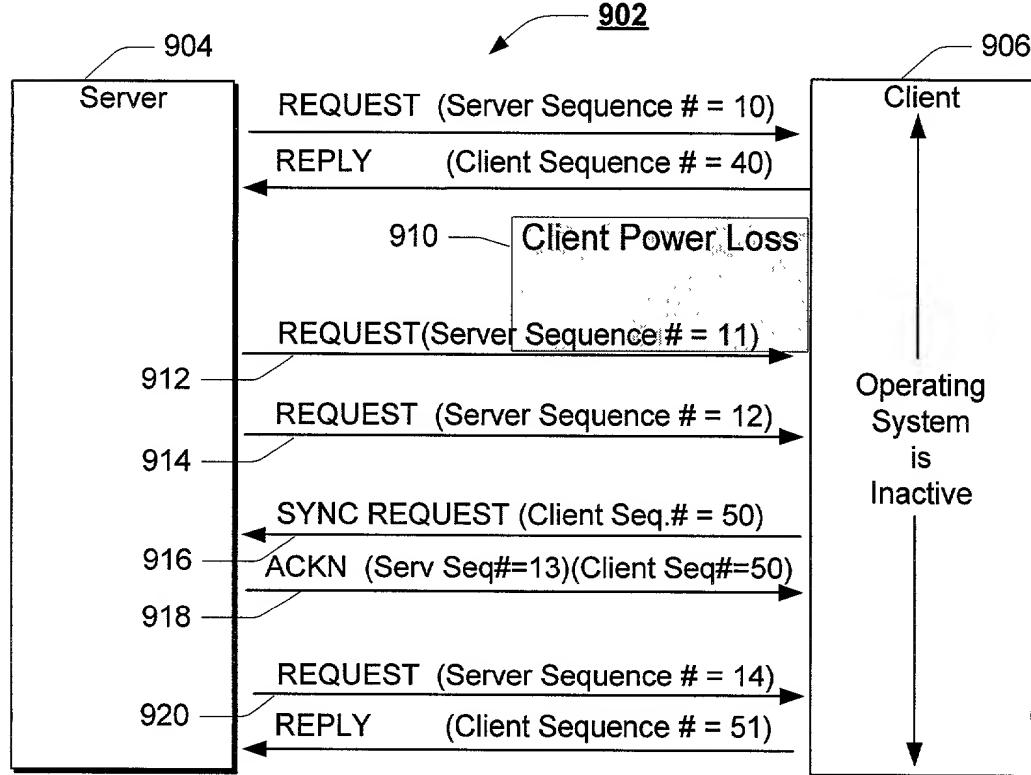
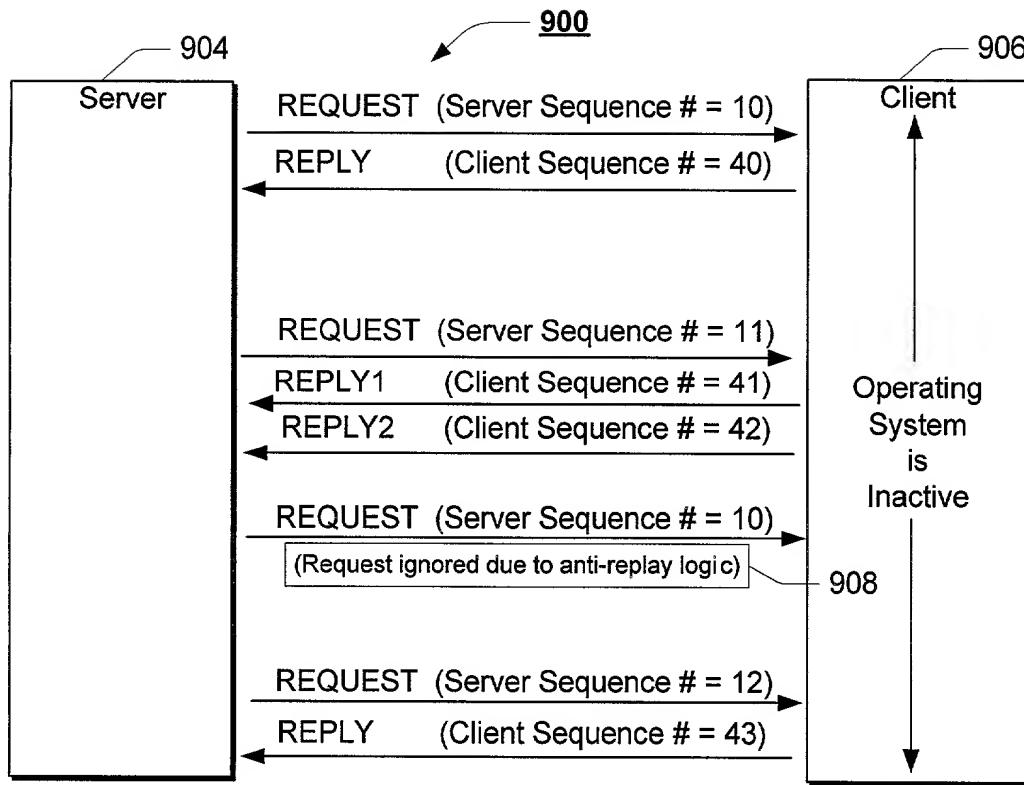


Fig. 9